

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पब्लिसिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 08.09.2015
Date of Reporting : 09.09.2015

I. Regional Availability/Demand:

Evening Peak (20:00 Hrs) MW				Off Peak (03:00 Hrs) MW				Day Energy (Net MU)	
Demand Met	Shortage	Requirement	Freq* (Hz)	Demand Met	Shortage	Requirement	Freq* (Hz)	Demand Met	Shortage
49588	3250	52837	49.84	45836	5280	51116	50.00	1110.3	97.68

* Half hourly (two 15 minutes block-one block each before and after the designated time) average frequency

II. A. State's Load Details (At States periphery) in MUs:

UI [OD:(+ve), UD:(-ve)]

State	State's Control Area Generation (Net MU)				Drawal Schedule (Net MU)	Actual Drawal (Net MU)	UI (Net MU)	Consumption (Net MU)	Shortages * (MU)
	Thermal	Hydro	Renewable/others \$	Total					
Punjab	100.22	22.25		122.47	93.18	93.33	0.15	215.80	0.00
Haryana	59.76	0.74		60.51	126.64	123.91	-2.73	184.42	0.00
Rajasthan	144.21	4.24	6.14	154.59	78.09	79.43	1.34	234.02	1.95
Delhi	20.40			20.40	84.75	84.37	-0.38	104.78	0.22
UP	133.31	12.84		146.15	117.87	121.54	3.67	267.69	82.99
Uttarakhand		18.83		18.83	15.41	17.05	1.64	35.88	3.96
HP		17.16		17.16	6.47	8.56	2.09	25.72	0.00
J & K		17.18	0.00	17.18	17.56	18.97	1.40	36.15	8.55
Chandigarh				0.00	5.98	5.86	0.27	5.86	0.00
Total	457.91	93.24	6.14	557.29	545.94	553.01	7.47	1110.30	97.68

* Shortage furnished by the respective constituent. \$ Others include UP Co-generation and JK Diesel

II. B. State's Demand Met in MWs:

UI/OA/PX [OD/Import: (+ve), UD/Export: (-ve)]

State	Evening Peak (20:00 Hrs) MW				Off Peak (03:00 Hrs) MW				# Max(hourly) Demand Met of Day (MW)
	Demand Met	Shortage	UI	STOA/PX transaction	Demand Met	Shortage	UI	STOA/PX transaction	
Punjab	9795	0	-65	679	8432	0	61	776	9800
Haryana	8815	0	-37	1852	7821	0	-137	1757	8863
Rajasthan	9384	0	88	-156	10309	0	12	1032	10609
Delhi	4618	0	-30	598	4357	0	146	323	5065
UP	11957	2485	67	213	11146	5075	109	412	12004
Uttarakhand	1624	300	34	82	1447	0	-69	-188	1777
HP	1268	0	87	-1167	960	0	146	-1043	1286
J&K	1858	465	234	-388	1161	205	0	-688	1862
Chandigarh	268	0	-21	0	204	0	28	0	294
Total	49588	3250	358	1713	45836	5280	296	2381	49588

* STOA figures are at sellers boundary & PX figures are at regional boundary. # figures may not be at simultaneous hour.

Diversity is 1.04

III. Regional Entities :

UI [OG:(+ve), UG:(-ve)]

A. NTPC	Station/ Constituent	Inst. Capacity (Effective) MW	Declared Capacity(MW)	Peak MW (Gross)	Off Peak MW (Gross)	Energy (Net MU)	Average Sentout(MW)	Schedule Net MU	UI Net MU
		Singrauli STPS (5*200+2*500)	2000	1380	1542	1545	34.03	1418	33.12
	Rihand I STPS (2*500)	1000	890	983	978	21.37	890	21.36	0.01
	Rihand II STPS (2*500)	1000	469	517	522	11.73	489	11.26	0.46
	Rihand III STPS (2*500)	1000	480	516	511	11.58	483	11.52	0.06
	Dadri I STPS (4*210)	840	600	652	643	13.88	578	14.29	-0.41
	Dadri II STPS (2*490)	980	970	1014	971	22.01	917	23.05	-1.04
	Unchahar I TPS (2*210)	420	305	429	221	7.29	304	7.30	-0.01
	Unchahar II TPS (2*210)	420	400	440	441	9.57	399	9.58	-0.01
	Unchahar III TPS (1*220)	210	200	220	221	4.78	199	4.79	-0.01
	ISTPP (Jhajjar) (3*500)	1500	1299	635	927	17.10	713	17.50	-0.40
	Dadri GPS (4*130.19+2*154.51)	830	800	333	306	7.82	326	8.00	-0.18
	Anta GPS (3*88.71+1*153.2)	419	391	355	333	8.52	355	8.60	-0.08
	Auraiya GPS (4*111.19+2*109.30)	663	635	0	0	0.00	0	0.10	-0.10
	Dadri Solar	5	1	0	0	0.02	1	0.03	0.00
	Unchahar Solar	10	3	0	0	0.03	1	0.06	-0.03
	Singrauli Solar	15	3	0	0	0.06	3	0.06	0.00
	KHEP	800	845	620	405	11.13	464	10.41	0.72
	Sub Total (A)	12112	9671	8256	8024	181	7539	181	0
B. NPC	NAPS (2*220)	440	381	413	426	9.07	378	9.14	-0.08
	RAPS- B (2*220)	440	186	210	214	4.49	187	4.46	0.02
	RAPS- C (2*220)	440	390	433	435	9.32	388	9.36	-0.04
	Sub Total (B)	1320	957	1056	1075	22.87	953	22.97	-0.10
C. NHPC	Chamera I HPS (3*180)	540	534	506	0	5.19	216	5.00	0.19
	Chamera II HPS (3*100)	300	300	302	201	4.73	197	4.65	0.07
	Chamera III HPS (3*77)	231	229	235	78	3.13	131	3.02	0.11
	Bairasuli HPS(3*60)	180	179	184	61	1.47	61	1.40	0.06
	Salal-HPS (6*115)	690	457	444	562	11.94	497	11.10	0.84
	Tanakpur-HPS (3*40)	94	89	93	94	2.25	94	2.15	0.11
	Uri-I HPS (4*120)	480	206	351	206	5.79	241	5.00	0.79
	Uri-II HPS (4*60)	240	137	174	122	3.41	142	3.29	0.12
	Dhauliganga-HPS (4*70)	280	245	286	209	4.44	185	4.30	0.14
	Dulhasti-HPS (3*130)	390	386	401	399	9.37	391	9.26	0.11
	Sewa-II HPS (3*40)	120	119	129	0	0.74	31	0.45	0.29
	Parbati 3 (4*130)	520	390	394	0	1.83	76	1.77	0.06
	Sub Total (C)	4065	3272	3497	1931	54	2262	51	3
D.SJVNL	NJPC (6*250)	1500	1605	1622	1056	32.17	1340	31.83	0.34
	Rampur HEP (6*68.67)	412	372	373	285	8.49	354	8.22	0.27
	Sub Total (D)	1912	1977	1995	1341	40.66	1694	40.05	0.61
E. THDC	Tehri HPS (4*250)	1000	1080	1083	275	7.48	312	7.26	0.22
	Koteshwar HPS (4*100)	400	92	101	95	2.26	94	2.20	0.06
	Sub Total (E)	1400	1172	1184	370	9.74	406	9.46	0.28
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	983	1461	669	23.49	979	23.60	-0.11
	Dehar HPS (6*165)	990	587	825	560	13.98	582	14.09	-0.11
	Pong HPS (6*66)	396	297	384	186	7.07	295	7.12	-0.05
	Sub Total (F)	2765	1867	2670	1415	44.54	1856	44.80	-0.27
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	95	49	1.57	65	1.54	0.03
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1035	600	19.09	795	18.95	0.14
	Malana Stg-II HPS (2*50)	100	0	110	50	1.29	54	1.21	0.07
	Shree Cement TPS (2*150)	300	0	145	147	3.48	145	4.06	-0.57
	Budhill HPS(IPP) (2*35)	70	0	75	0	0.92	38	0.99	-0.07
	Sub Total (G)	1662	0	1460	845	26.35	1098	26.74	-0.39
H. Total Regional Entities (A-G)		25237	18916	20118	15001	379.37	15807	376.46	2.92

I. State Entities	Station	Effective Installed Capacity (MW)	Peak MW	Off Peak MW	Energy(MU)	Average(Sent out MW)	
Punjab	Guru Gobind Singh TPS (Ropar) (6*210)	1260	1250	1060	26.05	1086	
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	315	360	7.97	332	
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	943	812	19.79	825	
	Goindwal(GVK)		0	0	0.00	0	
	Rajpura (2*700)	1400	1392	1381	31.93	1330	
	Talwandi Saboo (1*660)	660	657	673	14.48	603	
	Thermal (Total)	4700	4557	4286	100.22	4176	
	Total Hydro	1000	1034	892	22.25	927	
	Total Punjab	5700	5591	5178	122.47	5103	
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	461	462	10.36	432
DCRTPP (Yamuna nagar) (2*300)		600	546	554	12.66	528	
Faridabad GPS (NTPC)		432	0	0	0.00	0	
RGTPP (khedra) (IPP) (2*600)		1200	1125	1139	24.97	1040	
Magnum Diesel (IPP)		25	0	0	0.00	0	
Jhajjar(CLP) (2*660)		1320	615	438	11.77	490	
Thermal (Total)		4944	2747	2593	59.76	2490	
Total Hydro		62	31	31	0.74	31	
Total Haryana		5006	2778	2624	60.51	2521	
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	1037	1024	23.82	992
		suratgarh TPS (6*250)	1500	1132	1126	26.44	1102
		Chabra TPS (4*250)	1000	445	417	9.47	394
		Dholpur GPS (3*110)	330	87	87	2.12	88
	Ramgarh GPS (1*37.5 + 1*35.5 + 2*37.5 + 1*110 + 1*50)	271	187	174	4.41	184	
	RAPS A (NPC) (1*100+1*200)	300	159	160	3.96	165	
	Barsingar (NLC) (2*125)	250	179	174	4.05	169	
	Giral LTPS (2*125)	250	0	0	0.00	0	
	Rajwest LTPS (IPP) (8*135)	1080	698	710	16.71	696	
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0	
	Kalisindh Thermal(2*600)	1200	1008	1009	24.20	1008	
	Kawai(Adani) (2*660)	1320	1227	1204	29.05	1210	
	Thermal (Total)	8876	6159	6085	144	6009	
	Total Hydro	550	211	228	4.24	177	
	Wind power	3214	20	625	5.54	231	
	Biomass	99	25	25	0.60	25	
	Solar	730	0	0	0.00	0	
	Renewable/Others (Total)	4043	45	650	6.14	256	
	Total Rajasthan	13469	6415	6963	154.59	6441	
	UP	Anpara TPS (3*210+2*500)	1630	1238	1240	29.37	1224
Obra TPS (2*50+2*94+5*200)		1194	475	411	10.92	455	
Paricha TPS (2*110+2*220+2*250)		1140	623	632	15.55	648	
Panki TPS (2*105)		210	0	0	0.00	0	
Harduaganj TPS (1*60+1*105+2*250)		665	414	402	9.71	405	
Tanda TPS (NTPC) (4*110)		440	190	185	4.60	192	
Roza TPS (IPP) (4*300)		1200	1103	1112	26.58	1107	
Anpara-C (IPP) (2*600)		1200	1084	1080	25.93	1080	
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	405	402	9.46	394	
Anpara-D(1*500)		500	0	0	0.00	0	
Lalitpur TPS(1*660)		660	0	0	0.00	0	
Thermal (Total)		9289	5532	5464	132	5505	
Vishnuparyag HPS (IPP)(4*110)		440	0	0	0.00	0	
Alaknanda(4*82.5)		330	281	333	7.35	306	
Other Hydro		527	267	231	5.49	229	
Cogeneration		981	50	50	1.20	50	
Total UP		11567	6130	6078	146	6090	
Uttarakhand	Total Hydro	1398	794	777	18.83	785	
	Total Uttarakhand	1398	794	777	18.83	785	
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.03	1	
	Delhi Gas Turbine (6x30 + 3x34)	282	34	34	0.84	35	
	Prahati Gas Turbine (2x104+ 1x122)	330	263	263	6.38	266	
	Rithala GPS (3*36)	95	0	0	0.00	0	
	Bawana GPS (4*216+2*253)	1370	269	252	6.33	264	
	Badarpur TPS (NTPC) (3*95+2*210)	705	324	316	6.83	284	
	Thermal (Total)	2917	890	865	20.40	850	
	Total Delhi	2917	890	865	20.40	850	
HP	Baspa HPS (IPP) (3*100)	300	226	325	5.51	229	
	Malana HPS (IPP) (2*43)	86	85	44	1.19	49	
	Other Hydro	878	420	443	10.47	436	
	Total HP	1264	731	812	17.16	715	
J & K	Baqilhar HPS (IPP) (3*150)	450	586	586	14.06	586	
	Other Hydro/IPP	560	154	126	3.12	130	
	Gas/Diesel/Others	190	0	0	0.00	0	
	Total J & K	1200	740	712	17.18	716	
Total State Control Area Generation		42521	24069	24009	557.29	23220	
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			2585	3789	194.83	8118	
Total Regional Availability(Gross)		67758	46772	42799	1131.49	47146	

IV. Total Hydro Generation:

Regional Entities Hydro	12234	11206	6160	182.30	7596
State Control Area Hydro	6581	4089	4016	93	3885
Total Regional Hydro	18815	15295	10176	275.54	11481

V(A). Inter Regional Exchange [Import (+ve)/Export (-ve)] [Linkwise]

Element	Peak(20:00 Hrs)		Off Peak(03:00 Hrs)		Maximum Interchange (MW)		Energy (MU)		Net Energy MU
	MW	MW	MW	MW	Import	Export	Import	Export	
Vindhychal(HVDC B/B)	0	0	0	0	0	0	0.00	0.00	0.00
765 KV Gwalior-Agra (D/C)	-2229	-2229	-2291	-2291	-2563	0	57.21	0.00	57.21
400 KV Zerda-Kankroli	-17	-11	77	81	0.11	0.00	0.00	0.11	
400 KV Zerda-Bhinmal	65	50	187	4	2.21	0.00	0.00	2.21	
220 KV Auraiya-Malanpur	11	30	0	68	0.00	0.19	0.00	-0.19	
220 KV Badod-Kota/Morak	-108	-43	50	130	0.00	1.76	0.00	-1.76	
Mundra-Mohindergarh(HVDC Bipole)	2502	2502	2655	0	59.14	0.00	0.00	59.14	
400 KV Vindhychal - Rihand	501	503	509	0	12.04	0.00	0.00	12.04	
765 kV Phagi-Gwalior (D/C)	646	812	465	0	19.01	0.00	0.00	19.01	
Sub Total WR	1371	1552			149.73	1.95		147.78	
Pusauli Bypass/HVDC	400	400	400	0	8.97	0.00	0.00	8.97	
400 KV MZP- GKP (D/C)	162	460	550	0	9.62	0.00	0.00	9.62	
400 KV Patna-Balia(D/C) X 2	315	475	492	0	10.07	0.00	0.00	10.07	
400 KV B'Sharif-Balia (D/C)	112	298	348	0	6.10	0.00	0.00	6.10	
765 KV Pusauli-Balia	122	234	250	0	2.26	0.00	0.00	2.26	
765 KV Gaya-Fatehpur	-9	86	256	9	2.89	0.00	0.00	2.89	
220 KV Pusauli-Sahupuri	142	157	188	0	3.15	0.00	0.00	3.15	
132 KV Knasa-Sahupuri	0	0	0	0	0.96	0.00	0.00	0.96	
132 KV Son Ngr-Rihand	-42	-38	0	46	0.00	0.95	0.00	-0.95	
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00	0.00	
765 KV Sasaram - Fatehpur	-163	-28	117	163	0.00	0.16	0.00	-0.16	
400 KV Barh -GKP (D/C)	175	193	258	0	4.15	0.00	0.00	4.15	
Sub Total ER	1214	2237			48.16	1.11		47.06	
+/- 800 KV BiswanathChariali-Agra	0	0	0	0	0	0	0	0	
Sub Total NER	0	0			0	0		0	
Total IR Exch	2585	3789			197.89	3.06		194.83	

V(B). Inter Regional Schedule & Actual Exchanges [Import (+ve)/Export (-ve)] [Corridor wise]

ER	ISGS/LT Schedule (MU)		Bilateral Schedule (MU)		Power Exchange Shdl (MU)		Wheeling (MU)	
	Bhutan	Total	Through ER	Through WR	Through ER	Through WR	Through ER	Through WR
30.29	3.89	34.18	12.91	6.92	23.00	0.50	0.29	-0.29
Total IR Schedule (MU)								
Through ER	Through WR incldns Mndra	Total	Through ER	Through WR	Total	Through ER	Through WR	Total
70.38	114.95	185.32	47.06	147.78	194.83	-23.32	32.83	9.51

V(C). Inter National Exchange with Nepal [Import (+ve)/Export (-ve)] [Linkwise]

Element	Peak(20:00 Hrs)		Off Peak(03:00 Hrs)		Maximum Interchange (MW)		Energy (MU)		Net Energy MU
	MW	MW	MW	MW	Import	Export	Import	Export	
132 KV Tanakpur - Mahendarnagar	-10	0	0	28	0	0	0	0	-0.10

VI. Frequency Profile <----- % of Time Frequency ----->

<49.2	<49.7	<49.8	<49.9	<50.0	49.9-50.05	50.05-50.10	50.10-50.20	>50.20	>50.50
0.00	0.17	7.21	45.14	84.32	50.22	3.74	0.76	0.15	0.00

Frequency (Hz)					Average Frequency Hz	Frequency Variation Index	Std. Dev.	Frequency in 15 Min Block	
Maximum		Minimum						MAX (Hz)	MIN (Hz)
Freq	Time	Freq	Time	Time					
50.23	18.03	49.68	19.10	49.91	0.139	0.081	50.12	49.84	

VII. Voltage profile 400 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)			
		Voltage(KV)	Time	Voltage (KV)	Time	<380 kV	<390 kV	>420 kV	>430 kV
Rihand	400	400	00:00	400	00:00	0.0	0.0	0.0	0.0
Gorakhpur	400	414	09:03	395	02:26	0.0	0.0	0.0	0.0
Barilly	400	412	06:01	394	19:12	0.0	0.0	0.0	0.0
Kanpur	400	412	06:01	399	01:08	0.0	0.0	0.0	0.0
Dadri	400	414	05:59	395	19:11	0.0	0.0	0.0	0.0
Ballabgarh	400	419	06:00	399	10:14	0.0	0.0	0.0	0.0
Bawana	400	416	05:59	397	19:12	0.0	0.0	0.0	0.0
Bassi	400	415	06:00	395	10:14	0.0	0.0	0.0	0.0
Hissar	400	412	06:00	392	19:11	0.0	0.0	0.0	0.0
Moga	400	411	05:59	392	19:17	0.0	0.0	0.0	0.0
Abdullapur	400	412	05:59	388	19:15	0.0	1.7	0.0	0.0
Nalagarh	400	419	06:00	399	19:13	0.0	0.0	0.0	0.0
Kishenpur	400	418	18:01	402	20:09	0.0	0.0	0.0	0.0
Wagoora	400	410	02:43	386	06:44	0.0	10.5	0.0	0.0
Amritsar	400	412	06:00	392	19:14	0.0	0.0	0.0	0.0
Kashipur	400	416	05:02	409	00:21	0.0	0.0	0.0	0.0
Hamirpur	400	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Rishikesh	400	403	05:04	384	13:45	0.0	28.9	0.0	0.0

VIII. Voltage profile 765 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)			
		Voltage(KV)	Time	Voltage (KV)	Time	<728 kV	<742 kV	>800 kV	>820 kV
Fatehpur	765	767	18:03	739	22:08	0.0	2.4	0.0	0.0
Balia	765	766	18:03	733	22:18	0.0	14.7	0.0	0.0
Moga	765	787	06:01	752	19:11	0.0	0.0	0.0	0.0
Agra	765	785	06:02	751	22:08	0.0	0.0	0.0	0.0
Bhiwani	765	791	05:59	758	19:13	0.0	0.0	0.0	0.0
Unnao	765	757	18:03	733	22:10	0.0	35.8	0.0	0.0
Lucknow	765	768	18:03	739	02:25	0.0	3.3	0.0	0.0
Meerut	765	798	06:00	758	19:13	0.0	0.0	0.0	0.0
Jhatikara	765	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Barilly	765	773	06:02	745	10:14	0.0	0.0	0.0	0.0
Anta	765	778	05:59	763	11:17	0.0	0.0	0.0	0.0
Phagi	765	778	05:59	752	23:09	0.0	0.0	0.0	0.0

IX. Reservoir Parameters:

Name of Reservoir	Parameters		Present Parameters		Last Year		Last day	
	FRL (m)	MDDL (m)	Level (m)	Energy (MU)	Level (m)	Energy (MU)	Inflow (m ³ /s)	Usage (m ³ /s)
Bhakra	513.59	445.62	511.50	1620.46	510.59	1575.10	634.89	695.49
Pong	426.72	384.05	422.32	1005.78	416.32	730.66	190.57	401.16
Tehri	829.79	740.04	820.10	1004.00	817.55	953.00	249.44	176.00
Koteshwar	612.50	598.50	611.69	5.20	611.72	5.46	176.00	148.89
Chamera-I	760.00	748.75	752.23	0.00	0.00	0.00	173.61	141.06
Rihand	268.22	252.98	0.00	0.00	0.00	0.00	0.00	0.00
RPS	352.80	343.81	0.00	0.00	0.00	0.00	0.00	0.00
Jawahar Sagar	298.70	295.78	0.00	0.00	0.00	0.00	0.00	0.00
RSD	527.91	487.91	515.73	12.00	517.24	3.46	182.39	554.41

* NA: Not Available

X(A). Short-Term Open Access Details:

State	Off- Peak Hours (03:00 Hrs)			Peak Hours (20:00 Hrs)			Day Energy (MU)		
	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MU)	IEX / PXIL (MU)	Total (MU)
Punjab	776	0	0	677	2	0	17.44	0.04	17.48
Delhi	335	-12	0	431	167	0	8.35	3.37	11.72
Haryana	1704	52	0	1674	178	0	40.76	-3.14	37.63
HP	-894	-150	0	-717	-450	0	-18.62	-5.51	-24.13
J&K	-578	-110	0	-477	90	0	-12.03	1.08	-10.95
CHD	0	0	0	0	0	0	0.00	0.31	0.31
Rajasthan	-568	1598	2	-484	326	2	-12.29	31.76	19.47
UP	412	0	0	213	0	0	6.02	0.00	6.02
Uttarakhand	-192	4	0	-347	429	0	-5.56	6.92	1.36
Total	996	1383	2	970	741	2	24.06	34.83	58.89

X(B). Short-Term Open Access Details:

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	776	661	14	0	0	0
Delhi	683	99	544	-171	0	0
Haryana	1704	1645	202	-750	0	0
HP	-717	-894	19	-479	0	0
J&K	-477	-578	189	-110	0	0
CHD	0	79	0	0	0	0
Rajasthan	-444	-569	1850	132	2	2
UP	422	124	0	0	0	0
Uttarakhand	-178	-347	513	4	0	0

XI. System Constraints:

XII. Grid Disturbance / Any Other Significant Event:

XIII. Weather Conditions For 08.09.2015 :

Normal

XIV. Synchronisation of new generating units :

XV. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / substation :

XVI. Tripping of lines in pooling stations :

XVII. Complete generation loss in a generating station :